

Gp 1631

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4-22-02

Attorney Docket No. INBI-003/03US  
8067-111-999

PATENT

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By: Vikki L. Athen  
Vikki L. Athen

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Lehrer et al.

Serial No.: 09/865,943

Examiner: Not Yet Assigned

Confirmation No.: 7913

Art Unit: 1631

Filed: May 24, 2001

For: PAREVINS AND TACHYTEGRINS

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Commissioner for Patents  
Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

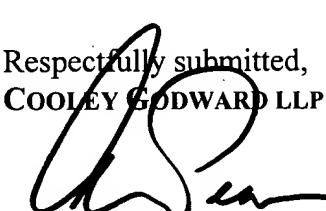
Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08 for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- A return receipt postcard is also enclosed.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117.

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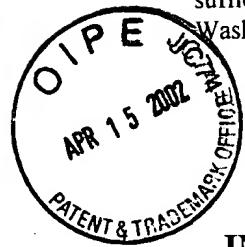
Respectfully submitted,  
COOLEY GODWARD LLP  
  
Ann M. Caviani Pease  
Reg. No. 42,067

Attorney Docket No. INBI-003/03US  
8067-111-999

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Serial No.: 09/865,943

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.  
§§1.97 and 1.98.

No copies of the publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial-No. 08/674,622 to which the above-identified application claims priority under 35 U.S.C. §120.

This Information Disclosure Statement is filed within any one of the following time periods:

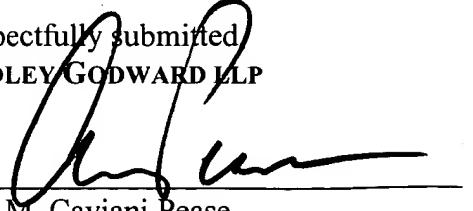
before the mailing date of a first office action on the merits.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08 to the undersigned.

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Respectfully submitted  
COOLEY GODWARD LLP

  
Ann M. Caviani Pease  
Reg. No. 42,067

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PTO/SB/08A (08-00)

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>		<i>Complete if Known</i>	
		Application Number	09/865,943
		Filing Date	May 24, 2001
		First Named Inventor	LEHRER et al.
		Group Art Unit	1631
		Examiner Name	Not Yet Assigned
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		Attorney Docket Number	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	AF	EP	0 545 730			06/09/1993	
	AG	WO	95/03325			02/02/1995	
	AH	WO	96/04373			02/15/1996	
	AI	WO	96/37508			11/28/1996	
	BE	WO	97/02287			01/23/1997	
	BF	WO	97/18826			05/29/1997	
	BG	WO	97/18827			05/29/1997	
	BH	WO	98/03192			01/29/1998	

Examiner Signature \_\_\_\_\_ Date Considered \_\_\_\_\_

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<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

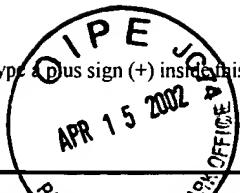
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

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<p>Substitute for form 1469 PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/865,943
				Filing Date	May 24, 2001
				First Named Inventor	LEHRER, et al.
				Group Art Unit	1631
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	INBI-003/03US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	AJ	HARWIG et al., 1995, "Determination Of Disulphide Bridges In PG-2, An Anti-Microbial Peptide From Porcine Leukocytes", <i>Journal of Peptide Science</i> , 3:207-215			
	AK	HU et al., 1991, "Isolation and Characterization of Corticostatic Peptides from Guinea Pig Bone Marrow," <i>Biochem. Biophys. Res. Commun.</i> , 180:558-565			
	AL	KOKRYAKOV et al., 1993, "Protegrins: Leukocyte Antimicrobial Peptides That Combine Features Of Corticostatic Defensins And Tachyplesins", <i>FEBS</i> , 327(2):231-236			
	AM	MASUDA et al., 1992, "A Novel Anti-HIV Synthetic Peptide, T-22 ([Tyr <sup>5</sup> , 12, Lys <sup>7</sup> ]-polyphemusin II)," <i>Biochimica et Biophysica Acta</i> , 1070:259-264			
	AN	MATSUZAKI et al., 1991, "Interactions Of An Antimicrobial Peptide, Tachyplesin I, With Lipid Membranes", <i>Biochimica et Biophysica Acta</i> , 1070:259-264			
	AO	MATSUZAKI et al., 1993, "Role Of Disulfide Linkages In Tachyplesin-Lipid Interactions", <i>Biochemistry</i> , 32(43):11704-11710			
	AP	MIRGORODSKAYA et al., 1993, "Primary Structure Of Three Cationic Peptides From Porcine Neutrophils", <i>FEBS</i> , 330(3):339-342			
	AQ	MUTA et al., 1990, "Tachyplesins Isolated From Hemocytes Of Southeast Asian Horseshoe Crabs ( <i>Carcinoscorpius rotundicauda</i> and <i>Tachypleus gigas</i> ): Identification Of A New Tachyplesin, Tachyplesin III, And A Processing Intermediate Of Its Precursor," <i>J. Biochem (Tokyo)</i> 108(2):261-266			
	AR	OTAKA et al., 1994, "Molecular Parameters For The Anti-Human Immunodeficiency Virus Activity of T22 ([Tyr <sup>5</sup> , 12, Lys <sup>7</sup> ]-Polyphemusin II)," <i>Biol. Pharm. Bull.</i> 17(12):1669-1672			
	AS	PARK et al., 1992, "Conformation of Tachyplesin I from <i>Tachypleus tridentatus</i> When Interacting With Lipid Matrices", <i>Biochemistry</i> , 31(48):12241-12247			
	AT	SONIS, Ch. XL-14 "Oral Complications", <i>Complications of Cancer and Their Treatments</i> , pp. 2381-2388			
	AU	SONIS, Section 6 "Oral Complications of Cancer Therapy", <i>Adverse Effects of Treatment - Oral Complications of Cancer Chemotherapy</i> , pp. 2385-2394			
	AV	SOTO et al., 1995, "Mapping Of The Linear Antigenic Determinants From The <i>Leishmania infantum</i> Histone H2A Recognized By Sera From Dogs With Leishmaniasis", <i>Immunology Letters</i> , 48:209-214			
	AW	STORICI and ZANETTI, 1993, "A Novel cDNA Sequence Encoding a Pig Leukocyte Antimicrobial Peptide with a Cathelin-Like Pro-Sequence", <i>Biochemical and Biophysical Research Communications</i> , 196(3):1363-1368			
	AX	TAMAMURA et al., 1993, "Antimicrobial Activity and Conformation of Tachyplesin I and Its Analogs", <i>Chemical and Pharmaceutical Bulletin</i> , 41(5):978-980			
	AY	TAMAMURA et al., 1993, "A comparative study of the solution structures of tachyplesin I and a Novel anti-HIV synthetic peptide, T22 ([Tyr <sup>5,12</sup> , Lys <sup>7</sup> ]-polyphemusin II), determined by nuclear magnetic resonance", <i>Biochimica et Biophysica Acta</i> , 1163:209-216			
	AZ	ZHAO et al., 1994, "Identification of a new member of the protegrin family by cDNA cloning", <i>FEBS Letters</i> , 346:285-288			
	BA	ZHAO et al., 1995, "The structure of porcine protegrin genes", <i>FEBS Letters</i> , 368:197-202			
	BB	ZHAO et al., 1995, "Structures of genes for two cathelin-associated antimicrobial peptides: prophenin-2 and PR-39", <i>FEBS Letters</i> , 376:130-134			
	BC	TAMAMURA et al., 1995, "Synthesis of Protegrin-Related Peptides and Their Antibacterial and Anti-Human Immunodeficiency Virus Activity," <i>Chemical &amp; Pharmaceutical Bulletin</i> , 43:853-858			

Examiner Signature		Date Considered	
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